

# PDR RID Report

**Date Last Modified** 5/3/95

**Originator** Mike Rackley

**Phone No** 286-2220

**Organization** FOS 510

**E Mail Address** mike.rackley@gsfc.nasa.gov

**Document** CSMS PDR

<b>RID ID</b>	<b>PDR</b>	169
<b>Review</b>	CSMS	
<b>Originator Ref</b>	FOS 001	
<b>Priority</b>	1	

**Section** CSS Services

**Page**

**Figure Table**

**Category Name** Interfaces

**Actionee** HAIS

**Sub Category** Interprocess communication

**Subject** Use of selected CSS services by FOS.

## **Description of Problem or Suggestion:**

Due to performance concerns, the FOS may not be able to use some CSMS-provided CSS services, such as RPCs. If FOS is not able to utilize certain CSMS services, other services may also be lost, such as DCE security. This could leave holes in the FOS/CSMS design.

## **Originator's Recommendation**

FOS and CSMS personnel should continue to work together to determine which CSS services are appropriate for FOS use and to identify the implications of not using certain services.

Agreement is needed within the next couple of months in order to allow enough lead time for segment CDR preparation.

## **GSFC Response by:**

## **GSFC Response Date**

**HAIS Response by:** Forman

**HAIS Schedule** 2/17/95

**HAIS R. E.** Winston

**HAIS Response Date** 4/10/95

The results of the RPC vs. Sockets analysis (as described in RID PDR 168 response) and CSS Message Passing prototyping (both planned before CDR) will provide performance statistics. FOS is participating with CSS in the Message Passing prototyping and COTS selection. CSMS will work with FOS to define and determine segment and subsystem allocations of time-performance-based-response requirements by CDR.

As stated in the RID PDR 168 response, CSS is expecting to require session-setup-establishing security and directory look-ups (CSS provided services). CSS will not requiring use of RPCs beyond this session establishment. So if FOS performance requirements necessitate the usage of sockets, CSS session-setup and security services will still be used. Socket usage is provided for by through UNIX.

**Status** **Closed**

**Date Closed** 5/3/95

**Sponsor** **Broder**

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**Attachment if any**

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